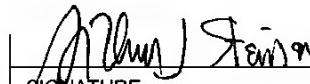


FORM PTO-1390 TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NUMBER 50212-181
		U.S. APPLIC. NO. (if known, see 37 CFR 1.5) 09/763803
INTERNATIONAL APPLICATION NO. PCT/JP99/02450	INTERNATIONAL FILING DATE May 12, 1999	PRIORITY DATE CLAIMED September 9, September 17 and September 18, 1998
TITLE OF INVENTION OPTICAL SWITCH, OPTICAL-FIBER-ARRAYING-MEMBER, PRODUCTION METHOD THEREOF, AND ARRAYING METHOD OF OPTICAL FIBERS		
APPLICANT(S) FOR DO/EO/US Hiroshi KOHDA, Kazuhito SAITO, and Takeo KOMIYA		
<p>Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:</p> <p>1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).</p> <p><input checked="" type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.</p> <p><input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US)</p> <p><input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)).</p> <p><input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendment has NOT expired. d. <input type="checkbox"/> have not been made and will not be made.</p> <p><input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p><input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
<p>Items 11. to 16. below concern other document(s) or information included:</p> <p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input checked="" type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment.</p> <p>14. <input type="checkbox"/> A substitute specification.</p> <p>15. <input type="checkbox"/> A change of power of attorney and/or address letter.</p> <p>16. <input checked="" type="checkbox"/> Other items or information. 1. International Search Report by Japanese Patent Office 2. Cover Sheet of Published International Application 3. International Preliminary Examination Report 4. Form PCT/IB/304 5. Form PCT/IB/308</p>		



20277
PATENT TRADEMARK OFFICE

27 FEB 2001

U.S. APPLIC. NO. (if known, see 37 CFR 1.50) 09/763803		INTERNATIONAL APPLICATION NO. PCT//JP99/02450	ATTORNEY'S DOCKET NUMBER 50212-181								
		CALCULATIONS PTO USE ONLY									
17. <input checked="" type="checkbox"/> The following fees are submitted:											
<table border="0"> <tr> <td>Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO</td> <td>\$860.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))</td> <td>\$690.00 \$710.00</td> </tr> <tr> <td>Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO</td> <td>\$1,000.00</td> </tr> <tr> <td>International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)</td> <td>\$100.00</td> </tr> </table>				Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO	\$860.00	International preliminary examination fee paid to USPTO (37 CFR 1.482) No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))	\$690.00 \$710.00	Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO	\$1,000.00	International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$100.00
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International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)	\$100.00										
ENTER APPROPRIATE BASIC FEE AMOUNT = \$ 860.00											
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$									
Claims	Number Filed	Number Extra	Rate								
Total Claims	41 -20 =	21	x \$80.00								
Independent Claims	17 -3 =	14	x \$80.00								
Multiple dependent claim(s) (if applicable)		+ \$270.00	\$								
		TOTAL OF ABOVE CALCULATIONS =	\$ 2358.00								
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity Statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).		\$									
		TOTAL NATIONAL FEE =	\$ 2358.00								
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ 40.00									
		TOTAL FEES ENCLOSED =	\$ 2398.00								
		Amount to be refunded	\$								
		charged	\$								
a.	<input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed.										
b.	<input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>500417</u> in the amount of \$ <u>2398.00</u> to cover the above fees. A duplicate copy of this sheet is enclosed.										
c.	<input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>500417</u> . A duplicate copy of this sheet is enclosed.										
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.											
SEND ALL CORRESPONDENCE TO:		 SIGNATURE Arthur J. Steiner NAME 26,106 REGISTRATION NUMBER February 27, 2001 DATE									
McDERMOTT, WILL & EMERY 600 13 th Street, N.W. Washington, DC 20005-3096 (202) 756-8000 Facsimile (202) 756-8087											

09/763803

JC03 Rec'd PCT/PTO 27 FEB 200

VERIFICATION

The undersigned, of the below address, hereby certifies that he/she well knows both the English and Japanese languages, and that the attached is an accurate English translation of the PCT application filed on May 12, 1999 under No. PCT/99/02450.

The undersigned declares further that all statements made herein of his/her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signed this 18th day of December, 2000.

Signature:



Name: Shiro TERASAKI

Address: c/o Soei Patent and Law Firm

Okura-Honkan, 6-12, Ginza 2-chome, Chuo-ku,
Tokyo 104-0061 Japan